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APPENDIX

Annex 1 Logistic Regression Limiting Long-Term Illness

<i>Activity 2001</i>	<i>Model 1</i>	<i>Model 2</i>	<i>Model 3</i>
Remained in Mining/Manufacturing (base category)			
Remained in Construction/Energy	0.99(0.83-1.18)	0.97(0.81-1.16)	1.02(0.85-1.22)
Changed Industry	1.00 (0.76-1.32)	0.96(0.73-1.27)	0.99(0.75-1.30)
Employed in High-Paid Services (from Industry)	1.17 (0.98-1.40)	1.24(1.03-1.48)**	1.23(1.03-1.48)*
Employed in Low-Paid Services (from Industry)	1.29(1.06-1.56)**	1.25(1.03-1.51)*	1.24(1.01-1.51)*
Employed in Industry (from High-Paid Services)	1.14(0.89-1.45)	1.21(0.95-1.55)	1.17(0.91-1.51)
Employed in Industry (from Low-Paid Services)	0.96(0.75-1.23)	0.92(0.71-1.18)	0.92(0.71-1.19)
Remained in High-Paid Services	1.14(1.01-1.29)*	1.37(1.21-1.55)**	1.38(1.22-1.56)**
Remained in Low-Paid Services	1.21(1.05-1.39)**	1.18(1.02-1.36)**	1.15(1.00-1.33)*
Changed Services	1.42(1.22-1.65)**	1.45(1.25-1.68)**	1.43(1.23-1.67)**
<i>Diagnostics (for full models including control variables and non-employed outcomes not reported)</i>			
Pseudo R-squared	0.2586		
N	63,150		
LR Chi-Square(33)	13,032.14		
Prob > Chi-Square	<0.0000		

Source SLS *.01<p<.05 **p<.01. Model 1: age sex, Model 2: age sex socio-economic, Model 3: age sex socio-economic LLTI

Annex 2 Logistic Regression Limiting Long-Term Illness for Men and Women

<i>Activity 2001</i>	<i>Men</i>	<i>Women</i>
Remained in Mining/Manufacturing (base category)		
Remained in Construction/Energy	1.06(0.87-1.28)	0.65(0.27-1.53)
Changed Industry	1.05(0.78-1.40)	0.56(0.17-1.84)
Employed in High-Paid Services (from Industry)	1.16(0.94-1.45)	1.41(0.98-2.02)*
Employed in Low-Paid Services (from Industry)	1.16(0.92-1.47)	1.33(0.91-1.95)
Employed in Industry (from High-Paid Services)	1.09(0.81-1.47)	1.38(0.85- 2.24)
Employed in Industry (from Low-Paid Services)	0.86(0.63-1.17)	0.99(0.63-1.56)
Remained in High-Paid Services	1.23(1.06-1.43)**	1.35(1.04-1.74)*
Remained in Low-Paid Services	1.18(0.99-1.41)	1.01(0.76- 1.33)
Changed Services	1.19(0.96-1.47)	1.44(1.09-1.90)**
<i>Diagnostics (for full models including control variables and non-employed outcomes not reported)</i>		
Pseudo R-squared	0.2964	0.2272
N	32,968	30,182
LR Chi-Square(32)	7,860.64	5,424.19
Prob > Chi-Square	<0.0000	<0.0000

Source SLS *.01<p<.05 **p<.01. Model adjusted for age socio-economic LLTI

Annex 3. Standard Industrial Classification 1992 (SIC92)

Type	Sector	Codes
Manufacturing	Mining	10-14
	Manufacturing	15-37 150-370
Energy and Construction	Energy	400 401 402 403 41
	Construction	45
High-paid services	Finances	65-67
	Real Estate- Business activities-Research	70 72 73 7411-7415 742-744
	Public Administration & Social Security	7511-7514 7521-7525 753 750
	Education	800 801 8021 8022 8031 8032 8041 8042
	Transport Storage-Communication	600-603 61 62 630-634 640-642
	Health and Social Work	8511-8514 850-853
	Extra territorial Organizations	99
	Sales-Retail Trades	500-505 51 52 530
	Renting	71
	Hotel-Restaurants	550-555
Low-paid services	Community Social Services	90 91 920-927 93
	Households with employed persons	95
	Low Business	740 745-748

Source: Scottish Longitudinal Study

Annex 4. Sample Description by Industrial Transition Groups

Table A. Socio-economic Indicators 1991, by industrial transitions 1991-2001 for those employed in manufacturing in 1991- Source: SLS

Socio-economic 1991	Remained in Man./Mining	Remained Construction/Energy	Changed Industry <i>Age 1991</i>	Employed High-Paid Services from Industry	Employed Low-Paid Services from Industry	Total
20-24	833 - 10%	468 -5.6%	180 -2. 2%	544 - 6.5%	365 - 4.4%	8340-100%
25-29	1097 - 10.8%	567 -5.6%	212 -2.1%	570- 5.6%	383 -3.8%	10136-100%
30-34	1041-10.4%	588-5.9%	186 -1.9%	553 -5.5%	377-3.8%	10022- 100%
35-39	1075-11%	530-5.4%	142 -1.4%	453-4.6%	327-3.3%	9812- 100%
40-44	1028-10.1%	501-5%	166-1.6%	450 -4.4%	349-3.4%	10186 -100%
45-49	768 -9.4%	368-4.5%	121-1.5%	327-4%	253-3.1%	8199-100%
50-54	320-5%	224-3.5%	52-0.8%	120-1.9%	141-2.2%	6455- 100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150- 100%
<i>Gender 1991</i>						
Male	4748-14.4%	3055 -9.3%	950-2.9%	2035-6.2%	1475-4.5%	32968 -100%
Female	1414-4.7%	191-0.6%	109-0.4%	982-3.2%	720-2.4%	30182-100%
Total	6162 -9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150-100%
<i>Marital Status 1991</i>						
Single	1496-.9.9%	752-5%	290-1.9%	850-5.6%	567-3.7%	15100-100%
Married /Remarried	4422-9.9%	2363-5.3%	728-1.6%	2027-4.6%	1505-3.4%	44506-100%
Divorced /Widowed	244-6.9%	131-3.7%	41-1.2%	140-3.9%	123-3.5%	3544-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	21953.5%	63150-100%
<i>Educational Qualifications 1991</i>						
First Higher	355-5.6%	115-1.8%	34-0.5%	343-5.4%	89-1.4%	6383-100%
Other	500-6.3%	195-2.4%	63-0.8%	375-4.7%	120-1.5%	7992-100%
No Qualification	5307-10.9%	2936-6%	962-2%	2299-4.7%	1986-4.1%	48775-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150-100%
<i>Car Ownership 1991</i>						
No car	1013-9.2%	422-3.8%	172-1.6%	487-4.4%	395-3.6%	11024-100%
Owns a car	5149-9.9%	2824-5.4%	887-1.7%	2530 -4.8%	1800-3.4%	52126-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150-100%

Tenure 1991						
Owner	4355-9.6%	2337-5.2%	712-1.6%	2217-4.9%	1431-3.2%	45256-100%
Social rented	1617-10.9%	786-5.3%	306-2.1%	678-4.6%	673-4.5%	14834-100%
Private rented	190-6.2%	123-4%	41-1.3%	122-4%	91-3%	3060-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195 -3.5%	63150-100%
Central Heating 1991						
Yes	5368-10%	2733-5.1%	893-1.7%	2570-4.8%	1827-3.4%	53844-100%
No	794-8.5%	513-5.5%	166-1.8%	447-4.8%	368-3.9%	9306-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150-100%
Rooms 1991						
Two or less	175-9%	90-4.6%	29-1.5%	126-6.5%	66-3.4%	1941-100%
Three	549- 9.1%	293- 4.9%	106-1.8%	324-5.4%	214-3.6%	6014-100%
Four or more	5438-9.8%	2863-5.2%	924-1.7%	2567-4.6%	1915-3.5%	55195-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150-100%
LLTI 1991						
Has LLTI	109-7.3%	36-2.4%	16-1.1%	52-3.5%	43-2.9%	1499-100%
Does not LLTI	6053-9.8%	3210-5.2%	1043-1.7%	2965-4.8%	2152-3.5%	61651-100%
Total	6162-9.8%	3246-5.1%	1059-1.7%	3017-4.8%	2195-3.5%	63150-100%

Source: Scottish Longitudinal Study

Table B Descriptive Table Activity by Sector 2001 & Socio-economic Indicators 1991- Source: SLS

Socio-economic 1991	Employed in Industry from High-Paid Services	Employed in Industry from Low-Paid Services	Remained In High-Paid Services	Remained In Low-Paid Services	Changed Services	Total
Age 1991						
20-24	224-2.7%	297-3.6%	2284-27.4	1194 -14.3%	894-10.7%	8340-100%
25-29	243-2.4%	314-3.1%	3284-32.4%	1352-13.3%	962 -9.5%	10136-100%
30-34	214 -2.1%	281-2.8%	3581-35.7%	1256-12.5%	973-9.7%	10022- 100%
35-39	224-2.3%	232-2.4%	3691-37.6%	1222-12.4%	887-9%	9812- 100%
40-44	183-1.8%	189-1.9%	3529 - 34.6%	1294-12.7%	825-8.1%	10186 -100%
45-49	127-1.6%	157-1.9%	2226-27.1%	905-11%	564-6.9%	8199-100%
50-54	79 -1.2%	72-1.1%	854 -13.2%	447-6.9%	278-4.3%	6455- 100%
Total	1294-2%	1542 -2.4%	19449-30.1%	7670 -12.1%	5383-8.5%	63150- 100%
Gender 1991						
Male	913-2.8%	956-2.9%	8287-25.1%	3484-10.6%	1984-6%	32968 -100%
Female	381-1.3%	586-1.9%	11162-37%	4186-13.9%	3399-11.3%	30182-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670 -12.1%	5383-8.5%	63150-100%
Marital Status 1991						
Single	374-2.5%	447-3%	4723-31.3%	1934-12.8%	1340-8.9%	15100-100%
Married /Remarried	864-1.9%	1018-2.3%	13756-30.9%	5269-11.8%	3695-8.3%	44506-100%
Divorced /Widowed	56-1.6%	77-2.2%	970-27.4%	467-13.2%	348-9.8%	3544-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%
Educational Qualifications 1991						
First Higher	145-2.3%	58-0.9%	3719-58.3%	370-5.8%	417-6.5%	6383-100%
Other	165-2.1%	73-0.9%	4386-54.9%	289-3.6%	484-6.1%	7992-100%
No Qualification	984-2%	1411-2.9%	11344-23.3%	7011-14.4%	4482-9.2%	48775-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%
Car Ownership 1991						
No car	190-1.7%	289-2.6%	2643-24%	1529-13.9%	1076-9.8%	11024-100%
Owns a car	1104-2.1%	1253-2.4%	16806-32.2%	6141-11.8%	4307-8.3%	52126-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%

<i>Tenure 1991</i>						
Owner	964-2.1%	972-2.1%	15650-34.6%	5026-11.1%	3628-8%	45256-100%
Social rented	257-1.7%	477-3.2%	2853-19.2%	2148-14.5%	1400-9.4%	14834-100%
Private rented	73-2.4%	93-3%	946-30.9%	496-16.2%	355-11.6%	3060-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%
<i>Central Heating 1991</i>						
Yes	1108-2.1%	1274-2.4%	17026-31.6%	6382-11.8%	4509-8.4%	53844-100%
No	186-2%	268-2.9%	2423-26%	1288-13.8%	874-9.4%	9306-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%
<i>Rooms 1991</i>						
Two or less	41-2.1%	48-2.5%	591-30.4%	245-12.6%	168-8.7%	1941-100%
Three	122-2.2%	175-2.9%	1664-27.7%	791-13.1%	503-8.4%	6014-100%
Four or more	1131-2%	1319-2.4%	17194-31.1%	6634-12%	4712-8.5%	55195-100%
Total	1294-2.2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%
<i>LLTI 1991</i>						
Has LLTI	28-1.9%	24-1.6%	298 -19.9%	150-10%	99-6.6%	1499-100%
Does not LLTI	1266-2%	1518-2.5%	19151-31.1%	7520-12.2%	5284-8.6%	61651-100%
Total	1294-2%	1542-2.4%	19449-30.8%	7670-12.1%	5383-8.5%	63150-100%

Source: Scottish Longitudinal Study